

Active Recombinant Mouse Klb Protein, His-tagged

Cat. No. Klb-778M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klb (Accession # NP_112457) Phe53-Leu995, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Phe53-Leu995
Predicted N Terminal	Phe53
Form	Supplied as a 0.2 µ filtered solution in PBS, Glycerol and EDTA.
Bio-activity	Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with human FGF RIIIc. The ED50 for this effect is typically 0.2-1 µg/mL in the presence of rhFGF-21. Measured in a cell proliferation assay using NIH-3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 0.75-3 µg/mL in the presence of rhFGF-21.
Molecular Mass	Recombinant Mouse Klb, His-tagged has a calculated MW of 110.2 kDa. In SDS-PAGE migrates as 140 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	Klb klotho beta [<i>Mus musculus</i>]
Official Symbol	Klb
Synonyms	KLB; klotho beta; beta-klotho; BKL; klotho beta-like protein; AV071179; betaKlotho;
Gene ID	83379
mRNA Refseq	NM_031180
Protein Refseq	NP_112457
MIM	

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